

KEC NEWSLETTER

Volume 15 September 2015



INTERNATIONAL LINKAGE: SmartLink LAUNCHING PROGRAM

Kantipur Engineering College, a leading engineering college in Nepal and joint coordinator of SmartLink (South-East-West Mobility for Advanced Research, Learning, Innovation, Network and Knowledge) consortium hosted the launching programme of SmartLink, an EU funded project at Sangri-La Hotel and Resort in Kathmandu, Nepal on 12 December 2014.

The programme was chaired by Prof. Dr. Hira Bahadur Maharjan, Vice Chancellor, Tribhuvan University. Chief Guest: Hon'ble Mr. Mahendra Bahadur Pandey, Minister for Foreign Affairs, Nepal and Special Guest: H.E. Mrs. Rensje Teerink, Ambassador and Head of European Union Delegation to Nepal jointly inaugurated the programme. Er. Rameshwar Rijal, Joint Coordinator, SmartLink and Principal of Kantipur Engineering College welcomed the dignitaries. Dr. Keshav Dahal, Project Coordinator and Professor, University of The West of Scotland, UK,

highlighted about SmartLink project. H. E. Kim Yong Hak, Ambassador, Embassy of the Democratic People's Republic of Korea; H. E. Wijekoon Mudiyansele Senevirathna, Ambassador, Embassy of the Democratic Socialist Republic of Sri Lanka; Mr. M. K. Khurana, Councillor, Embassy of the Republic of India; Mr. Chakraphan Yuwari, Councillor, Royal Thai Embassy; Prof. Dr. Jibaraj Pokharel, Vice Chancellor, Nepal Academy of Science and Technology; Er. Satya Narayan Shah, Chairman, Nepal Engineering Council and Dr. Biju Kumar Thapalaya, Dean, Purbanchal Univeristy, addressed the programme. The speakers talked about the higher education status in European and Asian universities and highlighted the opportunities and challenges in such collaboration. As many as hundred participants attended the programme.

SmartLink focuses on fostering international cooperation between European Higher Education Institutions (HEIs) and HEIs in

emerging Asian countries through the promotion of mobility at all levels of studies for under graduate and masters students, PhD candidates, Post-doctoral researchers, academics and administrative staff. The SmartLink consortium aims to strengthen the existing partnership developed through the EAST-WEST Asia Link project, eLINK, Clink and FUSION projects and foster new partnerships by realizing 160 research staff and students mobility in both ways.

www.smartlink-edu.eu



TECHNICAL EXHIBITION 2015

Research, Training and Consultancy Division (RTCD) with active participation of Civil, Computer, and Electronics Clubs of Kantipur Engineering College organized a Technical Exhibition 2015 on 26 and 27 February in its own complex. Prof. Ramchandra Sapkota, Assistant Dean, IOE, and Mr. Ranjan Prakash Shrestha, Representative from the Delegation of The European Union to Nepal jointly inaugurated the exhibition. All together 55 different projects from civil, computer and electronics & communication engineering were showcased in the exhibition. The exhibition was also observed by the students from different schools and colleges.

The exhibition demonstrated the core talents of the students, which reflected the hope of future engineers with plethora of potentialities. The exhibition not only focused on the conventional as well as existing technology in the country but also motivated the upcoming students and researchers to work on technological advancements to reduce the gap with global technologies.

The winner projects of the technical exhibition were awarded in a Prize Distribution Ceremony jointly organized for the Technical Exhibition 2015 and LITE competition on 27 February 2015. Prof. Dr. Jibaraj Pokharel, Vice Chancellor, NAST was the chief guest and former ministers; Er. Ganesh Shah, Ministry of Environment, Science and Technology and Er.

Dipak Gyawali, Ministry of Water Resources, were the special guests for the programme. The programme was chaired by Er. Rameshwar Rijal, Principal of the college.

AWARDED PROJECTS

- **Best Project in Civil Engineering:**
Solar Powered Ropeway Model
- **Best Idea in Civil Engineering:**
IAPB (Modified Bailey Bridge)
- **Best Project in Computer Engineering:**
Momo Engine
- **Best Idea in Computer Engineering:** Awaz
- **Best Project in Electronics Engineering:**
Security Entrance System
- **Best Idea in Electronics Engineering:**
Bluetooth Controlled Wheelchair

DEPARTMENTAL ACTIVITIES



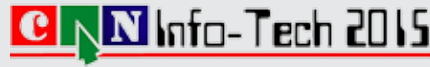
*"Dream dream dream
dream comes into thought
finally, thought comes into action."*

- APJ ABDUL KALAM

A newsletter is like a mirror which reflects a clear picture of all sorts of activities undertaken by the institution. It is a matter of honor for our college to bring out its regular newsletter. It gives immense pride to know that our students possess true potential and the achievements of the students will also inspire other students to excel in their lives; for that they need to have a vision in life and the determination to achieve it. It is extremely important for all the students to stay ahead in this rat race called life and give their best, in even the smallest of projects that they undertake.

The enormous curiosity shown by the experts and some outstanding figures such as ministers and foreign ambassadors by showing their significance presence in Technical Exhibition, SmartLink launching programme, etc. has also laid the foundation of motivation to the student as well as its significance to KEC. Success history in academic excellence plus its continuous involvement has placed this organization into the lead role to facilitate the Conference of SKIMA 2015 in December in Kathmandu which aims to develop skills among students and faculty. In this way KEC has become one of the fertile lands for leading its students in international arena to flourish their potentiality and creativity to adjust in this globalized world of science & technology.

Finally, the KEC family is committed to fulfil the duties & responsibilities in order to make this institute a popular venue to peep the entire world through practical and technical education which is the motto of KEC. It is hoped that this small piece of work will ignite the spirit of workmanship amongst the faculty, staff and students for achieving greater heights in the days to come.



Students of Computer, Electronics & Communication and Civil Engineering of KEC visited CAN Info-Tech 2015 organized by Computer Association of Nepal (CAN), which started on 29 January 2015. The main objective of visit was to make the students acquainted with the latest technological advancement in the field of Computer and Electronics Engineering.

Participation in IEEE/EDS Nepal

Students of Electronics & Communication Engineering participated in IEEE/EDS Nepal on 31 October 2014. The main topic of the event was "Outlook and Challenges of Electrostatic Discharge (ESD): Protection of Modern and Future Integrated Circuits." The purpose of this event was to familiarize the students with the possible challenges related to Electrostatic Discharge and its present as well as future solutions.

Microsoft Entrepreneurship Training

Department of Computer & Electronics Engineering organized a Pre Accelerator session on 20 July 2015 for the 4th year students of Computer & Electronics Engineering focusing on the different aspect of leadership and entrepreneurship. The training was assisted by Microsoft Innovation Center Nepal which gave an overview of how to devise, incubate and materialized a successful project.

Minor Project Orientation

In order to guide the students in making their projects as fruitful as possible, every year the Department of Computer & Electronics Engineering organizes orientation programme inviting established entrepreneur from different sectors. This year, Er. Sandip Poudel, ex-project supervisor of RTS Nepal, was invited to make students of 3rd year Electronics & Communication Engineering understand to conceive and materialize their project on 26 June 2015. Similarly, Senior Engineer from Leapfrog Technology, Er. Kiran Regmi and his associates, were invited to guide the students

of computer engineering 3rd year for their minor projects on 28 June 2015.

Presentation on Project and Paper Works

Er. Ajay Kumar Shrestha, Senior Lecturer of KEC, gave a presentation on "Research and Journal/Conference Paper" during a programme organized for the faculty on 28 June 2015. The presentation was focused on how to proceed and carry out a specific research based projects. Mr. Shrestha gave some handful information on the possible research areas for the SKIMA 2015 conference, how to select the research domain, how to filter out the research papers within the specific domain, how to write a conference/ journal papers. Besides, Mr. Shrestha presented some of his own research works so as to give the audience a sense of what constitute a complete research paper.

Interaction Programme with Leapfrog Technology

Department of Computer & Electronics Engineering organized an interaction programme of professionals from Leapfrog Technology for internship, training and career counseling for the students of Computer Engineering on 29 August 2015.

MoU Signing Between KEC and Microsoft Innovation Center Nepal

For the better relation between KEC and MIC Nepal, Memorandum of Understanding (MoU) had been signed between KEC and Microsoft Innovation Center Nepal (MIC NIC). Such relationship has been fruitful to students. MIC Nepal has been a key partner in providing trainings and resources for the growth and overall project development of the students.

Graphics Design Training

Department of Computer & Electronics Engineering with active participation and help of MSP Ojash Shrestha organized a training session on Graphics Design on 15 August 2015. The sessions were delivered by Mr. Manjil Pote. The training was fruitful for the 2nd year students of Computer Engineering to grasp basics of graphics designing and animation.

STUDENTS' ORIENTATION PROGRAMME 2071

Kantipur Engineering College organized Students' Orientation Programme for the newly enrolled first year students (2071 Batch) on 2 November 2014 at Lovely Banquet, Lalitpur. Prof. Dr. Triratna Bajracharya, Dean of IOE, was the chief guest and Er. Dr. Tara Prasad Pokhrel, Chairman of KEC, chaired the programme. Dr. Keshar Prasain, Vice Principal of the college, welcomed the new students and highlighted the difference between the school and university level education. Prof. Er. Padma Bahadur Khadka made a paramount and harangue on "Importance of Engineering for the National Development" by depicting facts and figures. Er. Sunil Kumar Pokhrel, Ex Chairman of KEC delivered a significant speech

on entitled "Engineering Education: Perspective and Challenges" through which he attempted to show the vital role of engineers in nation building process. These two outstanding lectures really compelled all the newly admitted students and their guardians to think about their decision of getting enrollment in KEC be fruitful and result oriented. Er. Rameshwar Rijal, Principal of KEC highlighted the newly admitted students about the college and its rules and regulations. Mr. Kulananda Chaudhary, Chief of Exam Section informed the students about the internal exams of KEC and final examination conducted by IOE. Similarly, Mr. Pitambar Simkhada, Chief of Library Section, highlighted the Library Policy of the college.

The programme was organized to welcome new students and orient them about the possible challenges and the outcomes student face during their engineering studies. Around 260 students with their parents/guardians were present in the programme.



STUDENTS' ACTIVITIES

Sport Programme 2015

For the overall development and versatility of students, KEC has been organizing sports week each year. With initiation of Student Coordination committee of KEC, Sport Programme 2072 was organized from 19-22 of August 2015. The event included cricket, basketball and football. Er. Rameshwar Rijal, Principal; Dr. Keshar Prasain, Vice Principal; Mr. Maha Datta Paudel, Head of Department of Engineering Science and Humanities and Er. Bupesh Kumar Mishra, Deputy Head, RTCD and coordinator of sports programme 2015, awarded prizes to winners and runner-ups of the events.



and received tika and prasad from priest. Nepal Terai Navajagaran Sangh took the initiation in organizing the programme.

Blood Donation Programme

A blood Donation Programme was organized by the students of ANNFSU on 28 June 2015 with the support of Nepal Red Cross Society. About 150 students and staff donated blood in the programme.



3mt SESSION

Three minutes session (3MT Session) was organized by the Computer and Electronics Clubs on 6 June 2015 with involvement of students of 3rd year Computer & Electronics Engineering. The event was organized in KEC which is supposed to be the first of its kind in Nepal. In this event students were allocated three minutes to present their ideas, vision and perspective about their project. Students from 4th year Computer Engineering presented insights on their projects. In this event Er. Ajay Kumar Shrestha, Senior Lecturer, guided students on how to conceive idea and present paper.



Saraswati Puja

Saraswati Puja was celebrated on 25 January 2015 in the college temple. College students, teachers and staff participated in the programme

Training in Java and C#

KEC Computer Club organized a training session on Java and C# targeting students of 2nd year on August 2015. Mr. Partha Chudal, coordinator of Computer Club, conducted training session on java covering its various basic aspects while Mr. Shankar Bhattarai covered sessions on C# enlightening students about its basic functions. Er. Sudhir Shakya, from Leapfrog Technology, conducted some training sessions on consolidating programming skills on C, C++ and JAVA as a part of preparatory steps to prepare students for ACM competition and certification on 9 August 2015.

Computer Club Activities

In order to foster creativity, KEC Computer Club has been organizing different activities each year. This year different events were conducted where the participation of students was overwhelming. Events like Technical Quiz spearheaded by Mr. Nimesh Prasad Adhikari and Talk Programme coordinated by Ojash Shrestha were very popular. Different speakers from Microsoft Innovation Nepal (MICNIC), Leapfrog and Log Point Nepal presented key note speeches about career, scopes and emerging trends in various fields in computing. These events were part of LITE Competition.

ACTIVITIES OF RESEARCH, TRAINING AND CONSULTANCY DIVISION

MoU between NTA and KEC

Memorandum of Understanding (MoU) between Nepal Telecommunication Authority (NTA) and Kantipur Engineering College (KEC) has been signed on July 2015 for the purpose of funding the students to conduct their study and research for the development in IT sector. The project will focus on the ongoing major project works of 4th year Computer and Electronics & Communication Engineering. NTA will financially support and provide opportunities

to visit different organization related to IT Sector. KEC will provide technical and academic support during the research.

Students' Training

In order to nurture the inner talents and potentialities of an individual, Research, Training and Consultancy Division (RTCD) has been regularly organizing different trainings to the students of Civil, Computer and Electronics & Communication Engineering. These trainings

are helpful to boost up the knowledge of the students apart from their defined course works. The following trainings were offered to the students of different levels/programmes: Basic Electronics, Basic Troubleshooting, MATLAB, PHP, SAP, AutoCAD, Micro Controller, .NET, Java just to name a few. The trainings are selected as per the need of the market demand of technology.

LITE COMPETITION

Learning and Innovating Technology for Enhancement (LITE) inter-college software and hardware competition was organized by the Computer Club with active support of Electronics Club of Kantipur Engineering College in the college premises on 27 February 2015. This competition was a part of Technical Exhibition 2015. The event also included Technical Talk Programme, Technical Quiz Contest and Gaming Competition.

The competition was inaugurated by the Chief Guest Mr. Mahabir Pun, Magsaysay Prize Winner and Social Advocator. Er. Rameshwar

Rijal, Principal of KEC chaired the inaugural ceremony. The presence of Mr. Pun provided great source of inspiration and encouragement to all the students.



AWARDED PROJECTS IN LITE COMPETITION

ELECTRONICS

Best Project: 'Security Entrance System' from Kathford Engineering College
Runner Up: 'Basic Computer' from Kantipur Engineering College

COMPUTER

Best Project: 'Android NFC Based Parking System' from Kantipur Engineering College
Runner Up: 'C-tutorial' from Kantipur Engineering College

FACULTY DEVELOPMENT

Training on "Design of Bridges"

Er. Anil Basnet participated in seventeen days training programme entitled "Design of Bridges" which was organized by DoLIDAR and LRBP from 3 to 20 February 2015, in order to impart the paramount information regarding the design of sustainable bridge.

Participation in Orientation Programme on Design Challenge

Lecturer Er. Norsang Lama and two students: Beependra Shrestha and Sabin Bir Bajracharya participated in the two days orientation Programme entitled "Design Challenge" conducted by Robotic Association of Nepal at Kamalpokhari, Kathmandu on 25 to 27 January 2015.

Participation in International Workshop on Commutative Algebra

Mr. Ammar Bahadur Karki, Senior Lecturer represented KEC on First International Workshop cum Conference on Commutative Algebra at Central Department of Mathematics, Kathmandu University on 19 to 26 April 2015 which was jointly organized by Central Department of Mathematics, Kathmandu University and Mathematics Education, Nepal.

HELP RASHMA FIGHT AGAINST CANCER CAMPAIGN

With generous effort of entire KEC family and KEC Alumni, we embarked on a campaign to help our former, bona fide student Er. Rashma Dongol fighting against cancer. Rs. 29,035 from students, Rs. 8000 from well-wishers and Rs. 80,235 from KEC faculty and staff was collected from the combined effort.



EDUCATIONAL VISITS AND SURVEY CAMP

Nepal Television Visit

Students of Electronics & Communication Engineering, 4th year (2067 Batch), visited Nepal Television, Singhadurbar, Kathmandu as a part of their study on 7 August 2014. The main aim of the observational visit was to gain idea about the operational as well as overall technological informations in relation to NTV.

Educational Tour

A three days field visit was organized for Computer Engineering 4th year (2067 Batch) in three different sites viz. Manakamana Cable Car, Seti Power House and Madhya Marsyandi Hydro Power Center on 23 to 26 November 2014. Similarly, the same 3 sites were visited by 4th year (2067 Batch) students of Electronics & Communication Engineering on 30 November to 3 December 2014. The main motto of both visits was to accumulate the knowledge about the application of computer and electronics technology in these sectors. The tour was focused to gain practical knowledge of microprocessor based instrumentation, control system, mechanical and power system related operations at Manakamana Cable Car (Chitwan) and Madhya Marsyangdhi Power House (Lamjung). The tour was coordinated by faculty members: Er. Ravi Chandra Koirala, Er. Anup K.C., Er. Sujin Gwachha and Er. Pavan Poudel.

Geology Field Visit

Department of Civil Engineering organized a three

day field visit for the students of Civil Engineering 2nd year (2070 Batch) at Bhakundebesi on 7 to 9 August 2015. The visit was co-ordinated by Er. Bhakta Raj Joshi and Pramod Shimkhada. The objectives of the visit were to identify various rocks and minerals, study of River Channel Morphology, handle the Geological Compass (Brunton Compass), study of mass movements, draw the geological route map and know the significance of geological feature in civil engineering structure.

Irrigation & Hydropower Field Visit:

An Irrigation and Hydropower field visit at Begnas Irrigation Project, Seti irrigation and Hydropower Project, Fewa irrigation and Hydropower Project and Lower Marsyangdi Hydropower Project for Civil 3rd year students (2069 Batch) was organized by Civil Engineering Department from 29 July to 1 August 2015. This four days visit was coordinated by Er. Ima Nath Duwadi, Er. Niman Maharjan and Er. Bhakta Raj Joshi.

Survey Camp

Ten days Survey Camp was organized for Civil Engineering 3rd year (2069 Batch) from 17 to 28 November, 2014 at Nepal Electricity Authority (NEA) Training Center and Muhan Pokhari Khola, Kaharipati, Bhaktapur. The Survey Camp was co-ordinated by Er. Madan Raj Bhatta and Er. Deepak Kumar Jha and other participating team Members were: Er. Nitish Jha, Er. Nabin Tiwari, Er. Suresh

Prasad Thakur, Er. Ima Nath Duwadi, Er. Bhakta Raj Joshi, Er. Jeevan Rana Magar and Er. Rajesh Kandel. The main objectives of the camp were to take detailing of various land features for the preparation of Topographic Map of NEA Training Center using Total Station, Theodolite and Auto Level, to prepare a Grid Sheet for plotting the details, to make alignment of road and to prepare the Topographic map for selection of bridge axis (Bridge Site Survey).

Transportation & Bio-Engineering Field Visit

A one day transportation field visit was organized for Civil Engineering 4th year (2065 Batch) students at Bhakundebesi along Banepa Bardibas Highway on 27 July 2015. Er. Ima Nath Duwadi and Er. Niman Maharjan supervised and arranged the visit with the external supervision of Er. Bikash Adhikari. The main objective of the field visit is to understand various Cross Drainage Structure, Retaining Walls and Hair Pin Bend.

Sanitary Field Visit

Civil Engineering Department organized a one day field visit for Civil Engineering 3rd year (2066 Batch) students at Guheshwori, Kathmandu on 13 August, 2015. The visit was co-ordinated by Er. Sudeep Thapa. Er. Bikash Adhikari was there as an external to bestow the instruction to the students. The main purpose of the tour was to observe the mechanism of waste water treatment plant.

Congratulations

Time and again KEC family has basked the sunshine of success from our bona fide students. We are very gratified with the achievement of our students from 4th year Computer Engineering, namely Partha Chudal, Neha Shakya, Safal Khanal, Hari Dahal and Sanjay Maharjan for bagging first prize in theme based software competition organized by AKRITI, Kathmandu Engineering college, Kalimati on 14 December 2014.

KEC family feels utterly delighted from the achievement of team Octavian represented by Sangam Shrestha, Amir GC and Sunil Lama (067 Computer Engineering) who bagged first place in National Imagine cup 2015. They were the first student to represent Nepal in 2015 Imagine Cup World Finale organized by Microsoft in Seattle, USA on 31 July 2015.



KEC family feels pride to announce that our students, Sumit Bajracharya, Subash Maharjan and Subodh Raj Bhandari, bagged first prize in code camp, LOCUS 2015 organized by IOE on 22 February 2015. Also we want to express our heartfelt gratitude and congratulation to our students, Sabita Jha, Aaisbka Khanal, Devesh Shrestha and Abin Shrestha, for securing first position in the same event in hardware competition. Our Student, Nimesh Adhikari, Ankit Koirala, Nawaraj Dahal, were again able to achieve 2nd position in Technical Quiz organized by LOCUS on 10 February 2015.

KEC family proudly congratulates Mr. Praveen Bhusal for developing first mobile web browser, named Firebird, in Nepal for android Platform. This browser is based on the very new material design of Google and features very aesthetic look. Unlike any other browser, this has capacity to change the color of taskbar based on the theme of the website. Based on the Web Rendering Engine from Google, Firebird is light, very fast and consumes 50% less data than any other browser. Firebird features incognito mode, ad-block mode, reading mode which are only present in heavy duty web browser yet this weighs only 1.37 MB.

NEW APPOINTMENT AND MOTIVATION

NEWLY APPOINTED TEACHERS

Er. Tirtha Acharya > Computer
Er. Kobid Karkee > Electronics & Communication
Mr. Sushil Ghimire > Mathematics
Mr. Bishwas Lal Shrestha > Physics
Er. Sunil Kumar Shrestha > Electronics & Communication
Er. Sabindra Patel > Electronics & Communication
Er. Pradip Singh Maharjan > Computer
Er. Nischal Niraula > Electronics & Communication
Er. Pankaj Bhandari > Electronics & Communication
Er. Suresh Prajapati > Electronics & Communication
Er. Pratichhya Pradhan > Civil
Er. Niman Maharjan > Civil
Er. Milan Shrestha > Mechanical
Mr. Amar Baral > Mechanical
Mr. Prem Kumar Shrestha > Chemistry
Er. Ramita Maharjan > Computer
Er. Niranjana Rai > Computer
Er. Nawa Raj Acharya > Electronics & Communication
Er. Manzil Gajurel > Electronics & Communication
Er. Taiyab Ansari > Electrical
Er. Rejina Basnet > Computer
Er. Rabin Dhakal > Mechanical
Er. Barun Kumar Jha > Electrical

PERMANENT

Mr. Birendra Prasad Chaudhary > Senior Lab Assistant Level 5
Mr. Shiva Raj Khadka > Lab Assistant Level 4

Mrs. Bimala Parajuli > Office Assistant Level 4
Mr. Kamal Khadka > Office Assistant Level 4
Mrs. Nirmala K.C. > Peon Level 1 (Ga)
Mr. Ramesh K.C. > Peon Level 1 (Ga)

PROMOTION

Mr. Uttam Ghimire > Deputy Director
Dr. Keshar Prasain > Associate Professor
Mr. Kula Nand Chaudhary > Associate Professor
Mr. Maha Datta Paudel > Associate Professor
Er. Rabindra Khati > Associate Professor
Er. Bhupesh Kumar Mishra > Junior Associate Professor
Mr. Tek Narayan Adhikari > Junior Associate Professor
Er. Anil Basnet > Senior Lecturer
Er. Ravi Chandra Koirala > Senior Lecturer
Er. Sanjaya Neupane > Senior Lecturer
Er. Ajaya Kumar Shrestha > Senior Lecturer
Er. Ammar Bahadur Karki > Senior Lecturer
Er. Santosh Rawal > Senior Lecturer
Er. Bikrant Koirala > Senior Lecturer
Er. Dibyadhar Joshi > Senior Lecturer
Mr. Binod Subedi > Senior Administration Officer
Mr. Pitambar Simkhada > Senior Library Officer
Mrs. Bunu Adhikari > Junior Officer
Mrs. Shrawana Joshi > Junior Officer
Mr. Rabi Sharma > Senior Lab Assistant Level 5 (Ka)
Mr. Sanu Babu Maharjan > Senior Lab Assistant Level 5 (Ka)

Mr. Riddhi Shrestha > Senior Assistant Level 5 (Ka)
Mr. Ishwor Lal Maharjan > Senior Lab Assistant Level 5 (Ka)
Mr. Jaya Prakash Kafle > Senior Lab Assistant Level 5 (Kha)
Mr. Khadga Bahadur Thapa > Senior Assistant Level 5 (Kha)
Mrs. Dinu Acharya > Senior Assistant Level 5 (Kha)
Mrs. Anuja Poudel > Senior Assistant Level 5 (Ga)
Mr. Madhav Dahal > Senior Assistant Level 5 (Ga)
Mr. Eka Bahadur Katuwal > Driver Level 3
Mr. Raghu Nath Khadka > Guard level 1 (Ka)
Mrs. Kamala K.C. > Peon Level 1 (Kha)
Mrs. Renu Karki > Peon Level 1 (Kha)
Mr. Krishna Bahadur Tamang > Peon Level 1 (Kha)

FACULTY MOTIVATION

Er. Anil Basnet > Head of Department (Civil)
Er. Ravi Chandra Koirala > Deputy Head of Department (Computer & Electronics)
Er. Sudeep Thapa > Deputy Head of Department (Civil)
Er. Ima Nath Duwadi > Department Assistant (Civil)
Er. Anup K.C. > Department Assistant (Computer & Electronics)
Er. Bikrant Koirala > Department Assistant (RTCD)
Er. Sujin Gwachha > Project Assistant (Electronics & Communication)

DISTINCTION HOLDERS 2071/72

I/I Civil 2071

Suraj Pandey 87.40
 Tankar Rokaya 85.48
 Kalia Adhikari 83.55
 Krishna Maharjan 82.07
 Sumnima Singh 80.59
 Aarogya Raj Ojha 80.14
 Bikesh Shrestha 80.14

I/I Electronics & Communication 2071
 Sohan Chaudhary 81.10

I/I Computer 2071

Avisek Adhikari 82.06
 Sushila Sipai 81.37
 Siddhi Kiran Bajracharya 81.10

Nischal Shrestha 80.68
 Sanjiv Karki 80.68

I/II Civil 2070

Abhinesh Khatri 87.43
 Suraj Shrestha 82.71
 Prajwal Sanjel 82.29
 Kshitij Kumar Koirala 80.00

I/II Electronics & Communication 2070
 Rajendra Saud 84.00
 Sagun Karki 83.85

I/II Computer 2070
 Sumedh Shakyia 87.23
 Ruby Shakyia 87.08

Amrit Giri 84.62
 Dev Raj Adhikari 83.69
 Prashant Barahi 82.31
 Anuradha Maharjan 82.15
 Sabin Maharjan 80.31

III/I Civil 2069

Bishnu Chapagai 81.14
 Rajesh Kumar Chand 80.68

III/I Computer 2069
 Raiz Maharjan 80.23

III/II 2068 Civil 2068

Jakir Hussain 80.67
 Bristi Moktan 80.53

III/II computer 2068

Ankit Koirala 81.21
 Divya Pandit Chhetri 80.36
 Nischal Maharjan 80.00

IV/II Civil 2067

Deepak Negi 82.92
 Subik Shrestha 82.46
 Susan Maleku 81.54

IV/II Electronics 2067

Manzil Gajurel 88.13
 Mahesh Thapa Magar 85.60
 Saroj Bikram Kunwar 84.27
 Dinesh Bhandari 84.00
 Nawa Raj Acharya 83.60
 Sagar Bhatta 83.20

Rajesh Khadka 82.67
 Mahesh Sapkota 82.13
 Sagun Karki 81.73
 Kamal Byanjankar 81.60
 Bishnu KC 81.47
 Niraj Paudel 80.67
 Meena Maharjan 80.53
 Roman Basnet 80.53
 Srijan bajracharya 80.27

IV/II Computer 2067

Ramita Maharjan 87.20
 Avijit Karn 83.87
 Rafeen Karki 82.67
 Sanjay Adhikari 80.93

News & Events

PRIZE DISTRIBUTION CEREMONY

Prize Distribution Ceremony was organized on the day of Saraswati Puja in the college premises. The ceremony was chaired by Er. Rameshar Rijal, Principal of Kantipur Engineering College. Certificates and prizes were distributed in various categories to the students. These included letter of Appreciation and Certificates of participation in Technical Exhibition, Best Major Projects, Best Minor Projects, Best Structural Analysis and Semester Toppers.

Prizes for Best Scholar Girl Student was bagged by Ramita Maharjan (Computer Engineering Batch 2067). The prize laurel of the college went to Chandan Kumar Sah (Civil Batch 2067) for his outstanding achievements. Finally, the Long Time Service Award was offered to Kulananda Chaudhary, Associate Professor and Exam Section Chief.

The ceremony was concluded by chair person with congratulations to the prizes. The event was emceed by Ms. Anjana Devi Bhandari, Deputy Head of Department of Engineering Science and Humanities.

Prabidhi, a technical magazine published by the initiation of Civil Club, was launched during the ceremony. Mr. Bibek Tamang is the chief editor of Prabidhi.

MODEL ENTRANCE EXAM

Kantipur Engineering College organized a model BE Entrance Examination on 18 July 2015. Its main objective was to acquaint students with question pattern of IOE entrance exam and enhance their entrance preparations. The model entrance exam also offered Kantipur Talent Students from the merit list. KEC has been regularly organizing model entrance exam prior to the entrance exam of IOE for the last twelve years. About 4200 students appeared in the exam.

Farewell to Rajiv Prajapati

Kantipur Engineering College expresses heartily felicitations and bid farewell to Er. Rajiv Prajapati, DHOd of Computer & Electronics. Mr. Prajapati was awarded with International Post Graduate Research Scholarship funded by Australian government for Phd in Visible Light Communication at University of South Australia.

VISIT OF AMBASSADOR OF THE RUSSIAN FEDERATION

KEC family expresses sincere thanks to His Excellency, Dr. Sergey Vasilievich Velichkin, Ambassador of the Russian Federation to Nepal for visiting our college on 8 September 2015. His graceful presence in the college has made us proud, honoured and motivated. His Excellency was received and welcomed by Er. Dr. Tara Prasad Pokhrel, Chairman, KEC; Er. Pemba Chhiring Bhote, Board Member, KEC; Er. Sunil Kumar Pokhrel, Ex Chairman, KEC; and Er. Basanta Chandra Marahatta, Chairman, Acme Engineering College; Vice Principal; and Head of the Departments of the college. His Excellency observed the laboratories, classrooms, and other infrastructures of the college and also interacted with the key persons, teachers and staff.



POST EARTHQUAKE PROGRAMME: Safety, Awareness and Motivation

Following the devastating earthquake of 25 April 2015 and its subsequent aftershocks, KEC organized various programmes on safety, awareness and motivation. The programme was conducted with a view to minimize the stress caused by the earthquake related trauma and also to develop awareness and preparedness in case of similar

future events. The programme participants included all staff and students of all the years. The speakers of the programme were Dr. Raju Adhikari, Er. Manoj Chand, Dr. Umesh Shrestha and Dr. Chintamani Yogi who imparted messages to the audience about stress relief techniques. Likewise, Er. Dev Maharjan from National Society for Earthquake Technology (NSET), Er. Nabin Chandra Sharma, visiting professor, and Er. Anil Basnet, Head of Civil Department, briefed the cause of earthquake and safety measures to be followed during an earthquake.

Mobility from KEC to EUROPEAN UNIVERSITIES

International linkages have benefited faculty and students of KEC. Under different mobility programmes, they went to European Universities for academic research and study. Er. Ajay Kumar Shrestha visited University of Lyon, France for Academic Research and Training. Er. Sudeep Thapa (DHOd, Civil Department) completed his Master mobility from Rusenski Universitet "Angel Kanchev", Bulgaria under cLINK. Rabin Ojha (068 Batch Civil) completed Undergrad mobility from Mälardalen University, Sweden. Similarly, Sabin Raut, Chandan Kumar Sah and Jeet Kumar

Chaulagain (067 Batch Civil) completed Undergrad mobility from University of Sannio, Italy under FUSION.

Er. Rameshwar Rijal (Principal) is visiting Hellenic Open University, Greece under SmartLink. Similarly, Er. Rabindra Khatri (HoD, Computer & Electronics Department) is visiting Rusenski Universitet "Angel Kanchev", Bulgaria for Academic Research and Training Under FUSION. Also, Summit Bajracharya (068 Batch Computer) is going for Undergrad mobility to University of Lyon, France under cLINK.

FINAL YEAR PROJECTS OF 2067 BATCH

CIVIL ENGINEERING

- Prefeasibility study of Modi Khola Hydropower Project.
- Feasibility study of Nyam Nyam Khola Hydropower Project.
- Design of RC Tee Beam Bridge
- Design and analysis of multistory seismic resistant building.
- Seismic resistant design of commercial building.
- Analysis and design of earthquake resistant multistoried RCC building.
- Analysis and design of earthquake resistant multistoried commercial building.
- Seismic Resistant design of multi storied building.
- Design of Mailung Khola Hydropower Project.
- Analysis and design of earthquake resistant building structure.



Winners of Wearable Appathon with key personnel. Congratulations...!!!

COMPUTER ENGINEERING

- Handyman Finder
- Jarvis The Navigator
- Easy Route
- HR File Explorer
- Easy Commute
- Student Information System
- Gantabya: The Road Guide
- Techno School
- Online Class Network (OCN)
- Virtual Touch
- Remote PC Monitoring and Control
- Scan Up
- Server Security and Alert System
- Milk Data Automation
- Photo Media
- Futsal Groove
- Micro Finance
- Airline Reservation System
- SaraHR
- Marriage: A Card Game
- Online Rental System
- Voice Login

ELECTRONICS & COMMUNICATION ENGINEERING

- Automated Cleaner
- Digital Stethoscope
- E-Griha
- Visible Light Communication based Authentication System
- Smart Cart
- Telemedicine
- Solar Energy Audit
- Environmental Data Acquisition System using WSN
- Surveillance Robot
- Photovoltaic Powerplant
- Android Controlled Surveillance Robot
- AgriBot
- Optical Printing
- Smart Refueling System
- Pick and Place Robot
- Public Bus Fare Management System Using RFID

SKIMA 2014 DHAKA

Rameshwar Rijal, Principal and Er. Ajay Kumar Shrestha, Senior Lecturer of Kantipur Engineering College have attended the SKIMA 2014 conference in Dhaka, Bangladesh in December 2014. The conference on Software, Knowledge, Information Management and Applications (SKIMA) held every year, aims to bring together researchers and experts to share their idea, experiences and insights. This conference series was started in an international collaboration context between research professionals in European and Asian countries in Chiang Mai, Thailand 2006. The 2014 conference was organized by United International University in Dhaka, Bangladesh. Er. Rameshwar Rijal was also committee member of the advisory board. In the conference, Er. Ajay Kumar Shrestha has presented a paper on VoIP Security. The paper has been indexed in the IEEE Xplore and been selected to be published in The Mediterranean Journal of Computers and Networks.

KEC is organizing SKIMA 2015 in Nepal from 15 to 17 December.

STAFF TRAINING IN LYON

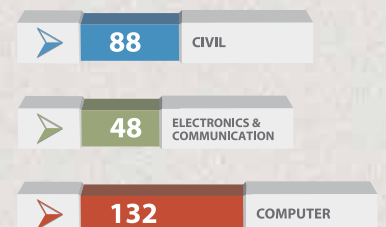
Er. Ajay Kumar Shrestha, Senior Lecturer of Kantipur Engineering College was selected under cLINK project for one month visit to Lyon, France. He went to IUT Lumiere Universite, Lyon2 of France in March, 2015. The purpose of his visit was to enhance the established co-operative research on contemporary technology enhanced solution (for example, ehealth, green technology, cyber security, etc.). During his stay, he worked in collaboration with the researches of Host University on a project "Towards a Common Meta-Products Integrated Platform". Besides, he also published other two papers entitled "Identification and Illustration of Insecure Direct Object References and their Countermeasures" and "Automatic Vehicle Detection and Road Traffic Congestion Mapping with Image Processing Technique" in IJCA.

GUEST LECTURE ON FUZZY LOGIC

Dr. Keshav Dahal, Professor of University of The West of Scotland, UK, delivered a guest Lecture on Fuzzy Logic on 14 December 2014 at KEC. Faculty and students of Computer Engineering 4th year attended the lecture. The lecture was fruitful in delivering basic concepts, application and research perspectives of the field. The lecture was followed by an interaction session.



STUDENTS ENROLLED IN 2071



Kantipur Engineering College

Dhapakhel, Lalitpur,
P.O. Box 8849 Kathmandu, Nepal
Tel: +977-1-571004/5
Fax: +977-1-5570344
E-mail: admin@kec.edu.np
www.kec.edu.np

Editor

Mr. Krishna Prasad Gautam

Special Thanks to

- Er. Ravi Chandra Koirala
- Er. Bikrant Koirala
- Er. Anup K.C.